

**SINGLE ASSIGNEE  
CASE SPECIFIC POWER OF ATTORNEY**

<b>POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM and STATEMENT UNDER 37 CFR 3.73(b)</b>	<b>Application Number</b>	10/549,364
	<b>Filing Date</b>	September 14, 2005
	<b>First Named Inventor</b>	Makoto ISHIDA
	<b>Title: SEMICONDUCTOR MEMORY ELEMENT AND ULTRASONIC SENSOR</b>	
	<b>Attorney Docket Number: 278285US0PCT</b>	

I hereby appoint:

Practitioners associated with the Customer Number

**22850**

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

The address associated with the above-mentioned Customer Number.

I am the:

Assignee of record of the entire interest. See 37 CFR 3.71.

JAPAN SCIENCE AND TECHNOLOGY AGENCY, a government agency  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership,  
government agency, etc.)

States that it is the assignee of the entire right, title, and interest. A copy of the assignment is attached.

**SIGNATURE OF ASSIGNEE OF RECORD**

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

<u>Takeharu Takazono</u> <small>Signature</small>	<u>1 September 2005</u> <small>Date</small>
<u>Takeharu TAKAZONO</u> <small>Printed or Typed Name</small>	<u>048-226-5601</u> <small>Telephone Number</small>
<u>Executive Director</u> <small>Title</small>	

**THIS FORM CAN ONLY BE SIGNED WHERE THERE IS ONLY A SINGLE ASSIGNEE**

## Assignment of Application

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS:

WHEREAS, I (WE) Makoto ISHIDA of 13-3, Noyoridai 1-chome, Toyohashi-shi, Aichi 441-8125 Japan;  
Kazuaki SAWADA of 3-1-304, Uehara 1-chome, Ogasaki-cho, Toyohashi-shi, Aichi 441-8066  
Japan;  
Daisuke AKAI of Wasagurigeshuku 37-2, Aza Mutsumi, Tenpaku-cho, Toyohashi-shi, Aichi 441-8122 Japan;  
Mikako YOKAWA of Room 2-B, 135, Uehara, Ueno-cho, Toyohashi-shi, Aichi 441-8157 Japan;  
and  
Keisuke HIRABAYASHI of Room A-108, 160, Aza Minamimatsubara, Akebono-cho, Toyohashi-shi, Aichi 441-8151 Japan

INSERT TITLE OF  
INVENTION:

have invented certain new and useful improvements in: SEMICONDUCTOR MEMORY ELEMENT  
AND ULTRASONIC SENSOR

(Application No. 10/549,364, filed September 14, 2005 ), and

WHEREAS, JAPAN SCIENCE AND TECHNOLOGY AGENCY

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

COPY

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

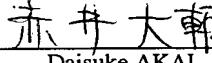
Date: 1 September 2005

  
(Signature of Inventor) Makoto ISHIDA

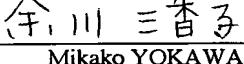
Date: 1 September 2005

  
(Signature of Inventor) Kazuaki SAWADA

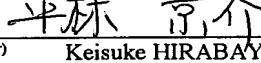
Date: 1 September 2005

  
(Signature of Inventor) Daisuke AKAI

Date: 1 September 2005

  
(Signature of Inventor) Mikako YOKAWA

Date: 1 September 2005

  
(Signature of Inventor) Keisuke HIRABAYASHI

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314